ACS NEWS

The biannual newsletter for the American Chemical Society Division of Fluorine Chemistry

MESSAGE FROM THE CHAIR

DAVID VICIC

GREETINGS FROM THE LEHIGH VALLEY! I would like to begin my first newsletter as Chair with congratulations to Prof. Dr. Erhard Kemnitz from the Humboldt University of Berlin, the awardee of the 2018 ACS Award for Creative Work in Fluorine Chemistry. The symposium for Erhard was held at the 2018 ACS Meeting in New Orleans and featured six sessions over three days with 38 invited talks. Many thanks to David Dixon from University of Alabama and Thomas Braun from the Humboldt University of Berlin for organizing the symposium.

At the ACS meeting in New Orleans, FLUO was also the primary sponsor of the Radiopharmaceutical Chemistry Symposium (co-sponsored with MEDI, INOR and NUCL), which highlighted the latest developments in radiochemistry, with an emphasis on 18F-radiochemistry. This symposium featured both invited and contributed talks, as well as poster session on topics including: 1) Novel 18F and 11C chemistry and 2) production of radionuclides of radiopharmaceutical interest, and 3) radiometal-based radiopharmaceuticals. This meeting was co-organized by Drs. Suzy Lapi, Gilles Tamagnan, Alan Packard and Neil Vasdev.

Also, at the ACS meeting in New Orleans, we held a productive Executive Committee Meeting where we discussed several important issues. I would like to thank the members of the executive committee for volunteering their time on behalf of the Division. One important task was to discuss nominations for any openings as officers of the FLUO Division. Superb candidates have been nominated, and you will see all of their biographies in this newsletter. Our by-laws have been successfully changed to allow for electronic voting, so later this year we will hold a vote to elect the new officers from this pool of candidates. Many thanks to the candidates for their willingness to serve the Division. I would also like to take this opportunity to thank former members of our Executive Committee who completed their terms of service at the end of 2017. Ralf Haiges completed his two years stay as Chair of the Division in 2017 and is now serving as Past-Chair. Many great things happened to the Division under Ralf's watch, and we are all indebted to his leadership. Christopher Junk completed his term as Past Chair, and we thank him for providing generous support to the Division. We also thank Norio Shibata, who completed his term as a Member-at-Large, for his service to the Division. Please join me in welcoming our newly elected and re-elected

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VICE-CHAIR MEMBERSHIP REPORT

AS OF FEBRUARY 2018, THE DIVISION OF FLUORINE CHEMISTRY OF THE ACS HAD 515 MEMBERS. THE BREAKDOWN IS AS FOLLOWS:

GROUP	COUNT	%
Regular Member	387	75.15
Regular Student Member	35	6.80
Student Member – UnderGrad	14	2.72
Emeritus Member	46	8.93
Retired Member	16	3.11
Division Affiliates	10	1.94
Society Affiliate	7	1.36
TOTAL	515	100

Please join me in welcoming the newest members in 2017: Xiankai Sun and Xian Wu.

The use of fluorine in chemistry has expanded significantly over the last decade or so.

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MESSAGE FROM THE **CHAIR** *Continued from p. 1*

officers and executive committee members: Bob Syvret *(Treasurer)*, Gary Schrobilgen *(Member-at-Large)*, Michael Gerken *(Vice Chair/Membership)*, Markus Etzkorn *(Member-at-Large)*, Kazuhiko Matsumoto *(Member-at-Large)*, and Chad Friesen *(Member-at-Large)*.

There are several upcoming meetings of interest to the Fluorine Community.

The 3rd International Symposium on Halogen Bonding (ISXB-3) will be held in Greenville, South Carolina, USA from June 10-14. Bill Pennington is the Chair of the Organizing Committee for ISXB-3.

The 22nd International Symposium on Fluorine Chemistry (ISFC) will be held in Oxford, UK from July 22-27. The ISFC is chaired by Veronique Gouverneur *(University of Oxford)* and co-chaired by David O'Hagan *(University of St. Andrews)* and Graham Sandford *(Durham University)*.

The 24th Winter Fluorine Conference will be held at the Hilton Clearwater Beach Resort in Florida from January 13-18, 2019. Markus Etzkorn *(UNC Charlotte)* will be Conference Chair and Mike Bulinski *(3M)* will be co-chair. Their efforts with organizing this showcase meeting for the Division are greatly appreciated.

THE DIVISION IS CONTINUING ITS SPONSORSHIP OF UNDERGRADUATE RESEARCH WITH THE AWARD OF TWO MOISSAN SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS OF $5000 EACH.

The FLUO division also hopes to have a presence at Pacifichem 2020, held in Honolulu, HI USA from Dec 15-20, 2020.

The Division is continuing its sponsorship of undergraduate research with the award of two Moissan Summer Undergraduate Research Fellowships of $5000 each. Several outstanding applications were received, and a standing committee had the difficult task of choosing two winning proposals. Congratulations to Marie Ange Vanessa Seka from the labs of Jean-François Paquin at Université Laval and Brianna Nguyen from Gary Schrobilgen's labs at McMaster University. Marie Ange will be studying new ways to synthesize cyclohexylpentafluoro-λ^6-sulfane and Brianna will be exploring the syntheses of late transition-metal oxide fluorides.

The deadline for next year's Moissan will be January 31, 2019.

David Dixon and Joseph Thrasher are currently serving as the Division's councilor and alternate councilor, respectively, ensuring that our voice is heard within the American Chemical Society. In Dave's report, you may read about recent developments in ACS. Thanks to Bob Syvret, the Division's treasurer, for all his help with the logistics of funding and organizing the Moissan Fellowships and stimulating conferences. You can find upcoming meetings and symposia of interest in the program chair's report by Neil Vasdev. Please also read the membership report of Michael Gerken to hear about our Division's reach. It has been a pleasure to serve as the Chair of the ACS Division of Fluorine Chemistry. Please do not hesitate to contact me directly (vicic@lehigh.edu) if you have any comments, concerns, or questions. New ideas, improvements, and/or criticism for the Division are also always welcome. I wish all of you on behalf of the Executive Committee a good and successful year 2018! ■

David Vicic

DAVID VICIC, *Chair 2018*

VICE-CHAIR **MEMBERSHIP REPORT**

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MICHAEL GERKEN

It is important to see that growth in fluorine chemistry reflected in the numbers and diversity of our membership. I would like to ask our current members to talk to colleagues who work in fluorine chemistry to join our Division and become part of our collegial, close-knit fluorine chemistry community. In addition, I hope you can convince students or postdoctoral fellows in your groups to join the Division, as the new generation of fluorine chemists. As a member of the Division of Fluorine Chemistry, you enjoy drastically reduced rates that the Winter Fluorine Conferences (next one in Jan 2019), as well as eligibility for Division awards and travel reimbursements. For joining the Division, the form and instructions can be found here. Please note, as a regular member of the Division one has to be a member of the ACS. Non-members of the ACS can become affiliate members of the Division. If you have any suggestions of activities that will expand our membership, please feel free to contact me. ■

VICE-CHAIR **PROGRAM REPORT**


NEIL VASDEV

Our Division recently held 2 symposia at the **255th ACS National Meeting & Exposition, March 18-22, 2018, New Orleans, Louisiana** and spanned the duration of the entire meeting with all day sessions (Sunday – Thursday inclusive), as well as a Poster Session with Sci-Mix. Congratulations to Dr. Erhard Kemnitz (Humboldt University – Berlin) who earned the **2018 ACS Award for Creative Work in Fluorine Chemistry**! An excellent 3-day symposium was held in his honor and was co-organized by Dr. David Dixon and Dr. Thomas Braun. The award was presented at the ACS Awards Banquet on Tuesday March 20 and a separate symposium dinner was also held. At this same conference, FLUO was also primary sponsor of the **Radiopharmaceutical Chemistry Symposium** (co-sponsored with MEDI, INOR and NUCL) and highlighting the latest developments radiochemistry. This symposium featured both invited and contributed talks, as well as poster session on topics including: 1) Novel 18F and 11C chemistry and 2) production of radionuclides of radiopharmaceutical interest, 3) Radiometal-based radiopharmaceuticals. This meeting will be co-organized by Drs. Suzy Lapi, Gilles Tamagnan, Alan Packard and Neil Vasdev.

UPCOMING SYMPOSIA TO NOTE:

A symposium titled "**Exploring Synthetic and Structural Diversity in Inorganic Fluorine Chemistry**" will be held at the **101ST CANADIAN CHEMISTRY CONFERENCE AND EXHIBITION, IN EDMONTON, ALBERTA, CANADA FROM MAY 27-31, 2018**. This session will be organized by Drs. Michael Gerken, Jennifer Love and Gary Schrobilgen,

THE 22ND INTERNATIONAL SYMPOSIUM ON FLUORINE CHEMISTRY (ISFC) will be held in **Oxford, UK FROM JULY 22-27, 2018** will be Chaired by Drs. Veronique Gouverneur, David O'Hagan, and Graham Sandford.

I hope you all will also mark your calendars for the 24th WFC and plan to attend in January 2019.

On the behalf of the Division I would like to thank all Symposia Organizers, as well as the Presenters and Chairs, as for their dedication and hard work in putting together excellent programs.

24TH WINTER FLUORINE CONFERENCE, to be held in **CLEARWATER, FLORIDA, JANUARY 2019**. ■

BIOGRAPHICAL DATA OF THE CANDIDATES FOR **OFFICES OF THE DIVISION OF FLUORINE CHEMISTRY**

EXECUTIVE COMMITTEE

(Three-year term, 2019-2021)

JAQUELINE L. KIPLINGER earned a B.Sc. degree in in chemistry in 1990 from the University of Colorado (R.R. Ruminski, mentor), and Ph.D. in organometallic fluorocarbon chemistry in 1996 from the University of Utah (T.G. Richmond, mentor). Her thesis work on carbon-fluorine bond activation and functionalization garnered several awards including the Union Carbide Student Innovation Recognition Award (1996), the Iota Sigma Pi Anna Louise Hoffman National Award for Outstanding Achievement in Graduate Research (1996), and the American Chemical Society's Nobel Laureate Signature Award for the best Ph.D. thesis in the U.S. (1998). She spent two years as a Presidential Postdoctoral Fellow at the University of California, Berkeley (R.G. Bergman, mentor). She came to Los Alamos National Laboratory (LANL) as the first Frederick Reines Distinguished Postdoctoral Fellow from 1999-2002 (C.J. Burns, mentor). Dr. Kiplinger joined LANL as a Technical Staff Member in Chemistry Division in July 2002 and has since served in a number of important capacities including Team Leader for Actinide Chemistry of LANL's Materials Physics & Applications (2006-10) and Chemistry (2015-present) Divisions, and as the Chemistry Deputy for the Associate Director for the G.T. Seaborg Institute for Transactinium Sciences (2014-17). In 2014, she was promoted to Laboratory Fellow.

During her career, Dr. Kiplinger received multiple awards, among them the most significant are the F. Albert Cotton Award in Synthetic Inorganic Chemistry Administered by the American Chemical Society (2015), the University of Utah Distinguished Chemistry Alumna Award (2016), the Iota Sigma Pi Violet Diller National Award for Professional Excellence in Chemistry (2017), and the IUPAC International Distinguished Women in Chemistry Award (2017).

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In addition to conducting research, Dr. Kiplinger is active in the ACS and serves in various capacities at national, division, and local levels. She is currently a member of the ACS Committee on Ethics (ETHX), **2018-20**. In the past, Dr. Kiplinger was Chair of Organometallic Chemistry Subdivision, Division of Inorganic Chemistry, **2014-15**; Invited Panelist, Organometallics Roundtable, 2013; Chair-Elect of Organometallic Chemistry Subdivision, Division of Inorganic Chemistry, **2013-14**; Editorial Board Member, Organometallics, **2010-12**; Member of ACS National Awards Selection Committee, **2008-10, 2016-18**; Alternate Councilor, Division of Inorganic Chemistry, **2009-11**. Dr. Kiplinger was also co-organizer of the f-Element Symposium at the Pacifichem Conference (2010) and the Symposium in Honor of P. Jeffrey Hay, 238th National ACS Meeting (**2009**).

Dr. Kiplinger's research interests include synthetic organometallic fluorocarbon chemistry and organometallic actinide chemistry; metal-mediated fluorocarbon chemistry directed towards the synthesis of fluoropolymers and fluorinated materials; synthesis of multimetallic 5f and 4f/5f supramolecular complexes that display f-f electronic communication and/or f-electron delocalization; actinide-mediated C-H, C-X (X = F, Cl, Br, I), C-C, and C-N activation chemistry (transformations uniquely enabled by f-orbitals); actinide metal-ligand multiple bonds; actinide nanomaterials for nuclear fuels, actinide hydrides, low-oxidation state f-element chemistry, high-nitrogen actinide chemistry, multidisciplinary research program that applies inorganic/organometallic (transition-metal and f-element), materials, fluorocarbon, organic, and metal-mediated catalytic chemistries towards the nation's programmatic needs in defense, threat reduction, and energy.

SANTOS FUSTERO was born in Aínsa, Spain, in 1949. He studied Chemistry at the University of Zaragoza, where he obtained his Licenciatura (equivalent to a B.Sc. degree) in Chemistry in 1972. He received his Ph.D. in Organic Chemistry in 1975 from the same University, working in the field of heterocyclic chemistry under the supervision of Prof J. Barluenga and Prof V. Gotor. He spent two years as a postdoctoral research associate at Prof H. Lehmkuhl's laboratory at *Max-Planck-Institut für Kohlenforschung* in Mülheim an der Ruhr, Germany, researching organometallic chemistry. In 1983, he became Associate Professor at University of Oviedo, Spain, and in 1990, he was promoted to Full Professor in Organic Chemistry at University of Valencia. In 2005, he also became research group leader at *Centro de Investigación "Príncipe Felipe" (CIPF)* in Valencia. He is the author of 230 peer-reviewed scientific publications and holds 10 patents. He has also been the co-author of 7 book-chapters. He was a visiting scientist at the university of Southern California (USA), university of Louisville (USA), university of Münster (Germany) and Nagoya Institute of Technology (Japan).

His research interests include organofluorine and medicinal chemistry, fluorous synthesis, organocatalysis, heterocyclic chemistry and new reaction methodologies.

R. TOM BAKER is professor of Chemistry at the University of Ottawa and Canada Research Chair in Catalysis Science for Energy Applications. He obtained his BSc. in Chemistry (1975) from UBC in Canada and PhD. in Inorganic Chemistry (1980) from UCLA with Fred Hawthorne. After a postdoctoral stint with Philip Skell at Penn State working on metal atom chemistry and EPR spectroscopy, Tom spent fifteen years at DuPont CR&D in Delaware developing applications of homogeneous catalysis to fluorochemicals, titanium dioxide, and nylon intermediates. In 1996 he joined the Chemistry division at Los Alamos National Laboratory where he led projects in bifunctional and multiphasic catalysis approaches for alkane functionalization and chemical hydrogen storage and production. In 2008 Baker joined the Chemistry Department at uOttawa as Director of the Centre for Catalysis Research and Innovation. He has mentored >90 students and postdocs, published >130 papers and 21 patents and given >320 invited talks. He was a founding member of the US NSF-funded Center for Enabling New Technology through Catalysis (CENTC), Tier coordinator for the DOE's Chemical Hydrogen Storage Centre of Excellence, and a theme leader of Canada's *Lignoworks* Biomaterials and Chemicals network. ACS service includes alternate councilor (1989-91) and Organometallic subdivision Chair (1999) with the Division of Inorganic Chemistry; ACS-PRF advisory board (1998-2004), and program committee (2003-08) and Novel Chemistry with Industrial Applications subdivision Chair (2009) with the Industrial and Engineering Chemistry division. Distinctions include AAAS fellow (2009), CIC Green Chemistry and Engineering award (2011), the Kalev Pugi award from the Society of Chemical Industry (2013), Canadian Institute of Chemistry fellow (2017) and fellow of the Royal Society of Chemistry (UK; 2018) and the Industrial & Engineering Chemistry Division of the American Chemical Society (2019). Current research interests include green routes to fluorocarbons using base metal catalysis and catalyzed conversion of renewable resources to value-added chemicals.

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VIACHESLAV (SLAVA) PETROV received his PhD degree in organic chemistry in 1983 from Nesmeyanov Institute (INEOS) Academy of Science of USSR. In 1989 he joined the group of Professor Darryl DesMarteau at Chemistry Department of Clemson University, where he spent over 2 years as visiting professor. In 1992 Dr. Petrov joined DuPont Co. as a visiting research scientist and in 1994 got a permanent position. After spending 23 years in DuPont CRD, he joined Chemours Co. in 2015, residing in Fluorochemicals section of the Company.

His research interests are focused on synthetic methodologies for the preparation variety of polyfluorinated materials such as polyfluorinated functionalized olefins, imidoyl fluorides, small heterocycles (oxaziridines, aziridines, epoxides and oxetanes), polyfluorinated monomers, etc.

Viacheslav is author and co-author of over 130 papers, one book, five review articles and over fifty US patents.

In 1998 he received the Harry Emeleus Award for Creativity in Fluorine Chemistry (by the Journal of Fluorine Chemistry and Elsevier Science); in 2016 - Distinguished Service Award by the Division of Fluorine Chemistry of ACS and this year he was elected as a member of the 2017 class of Fellows of the American Chemical Society.

JINBO HU was born in 1973 in Zhejiang, China. After he completed his B.S. degree (1994) in Hangzhou University and M.S. degree (1997) in Chinese Academy of Sciences, he did his Ph.D. work from 1997 to 2002 at the University of Southern California (USC) under the guidance of Professors G. K. S. Prakash and G. A. Olah. After his postdoctoral work at USC, he joined the faculty of Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences (SIOC, CAS) in early 2005, where he is currently a full professor and the Head of the CAS Key Laboratory of Organofluorine Chemistry. His current research interests include organic fluorine chemistry and fluorinated materials. He has published 159 peer-reviewed scientific papers and 24 book chapters, and holds 14 patents; H index = 45. He is the recipient of RSC Fluorine Prize 2009, Tan Kah-Kee Young Scientists' Award 2012, and the Novartis Chemistry Lectureship Award 2015/2016.

VICE-CHAIR/PROGRAM

(Three-year term, 2019-2021)

OLGA BOLTALINA received her M.S. (1982) and Ph.D. (1990) degrees in Physical Chemistry from Moscow State University (MSU), Russia, with Prof. L. Sidorov. She earned her D.Sci. degree (i.e., DoctorNauk (aka Habilitation)) from MSU in 1998. She retired as Professor of Physical Chemistry from MSU in 200,5 after having supervised 11 Ph.D. students. She is now a Senior Research Scientist (Scholar III) at Colorado State University, USA. She has received the MSU Lomonosov Prize, an Alexander von Humboldt (AvH) Friedrich Bessel Award, and AvH Research Fellowships, a Japan Society for the Promotion of Science Fellowship, Royal Society author award, and Royal Society of Chemistry Research Awards (UK). She was a program Chair of the 19th ISFC and an organizer of numerous ECS and ACS symposia. She is currently a member of the executive committee of Nanocarbon Division in ECS, and that of the Fluorine Division in ACS. Her current research interests include the rational design of fluorinated and perfluoroalkylated fullerenes and related carbon-rich materials for specific optoelectronic, energy conversion, energy storage, and biomedical applications. ■

NOTE:

THE ELECTION BALLOT FOR OFFICES OF THE DIVISION OF FLUORINE CHEMISTRY WILL BE DISTRIBUTED BY EMAIL.

READ THE BIOS ON PAGES 3-5.

CANDIDATES FOR PRESIDENT-ELECT, 2019 The Council selected Luis A. Echegoyen and Thomas R. Gilbert as candidates for 2019 President-Elect.

CANDIDATES FOR DISTRICTS I AND V By internet ballot, the Councilors from these districts selected Katherine L. Lee and Laura E. Pence as District I candidates; and John E. Adams and Joseph A. Heppert as District V candidates. Ballots will be distributed on or before October 1 to all ACS members in District I and District V for election of a Director from each District.

CANDIDATES FOR DIRECTORS-AT-LARGE The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for 2019-2021 terms: Frank D. Blum, Lee H. Latimer, Ingrid Montes, and Angela W. Peters. Ballots will be distributed to the Council on or before October 1, 2018.

AMENDMENTS TO THE ACS BYLAWS The Council approved Petition on the Composition of Society Committees [Bylaw III, Sec. 3, e, (3), (4), and (8)], which will change the requirement for Councilors on Society Committees from at least two thirds (2/3) to a majority, and remove the requirement that the Chair and Vice-Chair of a Society Committee must be Councilors.

The Petition for Election of Committee Chairs [Bylaw III, Sec. 3, c, (1); d, 3, (3), (8); e, (3), (8); g, (3); i (3)], which would allow the voting members of all ACS committees to select their own Chairs, failed to gain the approval of Council.

2019 MEMBER DUES The Council voted on the recommendation of the Committee on Budget and Finance to set the member dues for 2019 at the fully escalated rate of $175. This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.

MEETING COST WILL BE $505 NEXT YEAR

DISTRIBUTION FORMULA FOR DIVISION FUNDING The proposed formula for allocating dues funds to divisions, recommended by the Committee on Divisional Activities, was recommitted to the committee.

CONTINUATION OF COMMITTEES

• The Council approved the recommendation of the Committee on Committees that the Committee on Ethics be continued; and that the committees on Publications and on Younger Chemists be continued contingent on approval by the Board of Directors.

BUDGET AND FINANCE IN 2017, ACS generated a Net from Operations of $28.6 million, which was $4.8 million higher than 2016. Total revenues were $553.1 million, increasing 5.0% or $26.4 million over 2016. Expenses ended the year at $524.5 million, which was $21.6 million or 4.3% higher than prior year. This was attributable to strong performance from the Society's Information Service units (CAS and ACS Publications) and a continued emphasis on expense management across the ACS.

MEMBERSHIP The ACS ended 2017 with over 150,000 members. While this means that ACS remains the world's largest scientific society, this number represents a continuing decline in overall membership for the sixth year in a row. The Committee on Membership Affairs is committed to working with Council, the Board of Directors, the Committee on Budget and Finance, ACS staff, and other stakeholders to halt this trend and return ACS to a growing and engaged membership.

NEW ORLEANS MEETING ATTENDANCE – 16,585 ■

THE FOLLOWING IS A LIST OF URLS AND EMAIL ADDRESSES FOR SUPPLEMENTAL INFORMATION OFFERED IN ORAL REPORTS AT THE COUNCIL MEETING.

OFFICERS

PETER K. DORHOUT, President
p.dorhout@acs.org

Bonnie A. Charpentier, President-Elect
b.charpentier@acs.org

Allison A. Campbell, Immediate Past President
a.campbell@acs.org

ACS OFFICES

Office of Secretary & General Counsel
secretary@acs.org

Chemists Celebrate Earth Day Coordinator
outreach@acs.org

LEGAL RESOURCE MANUAL FOR DIVISIONS AND LOCAL SECTIONS (2nd Edition)

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2019 MOISSAN SUMMER UNDERGRADUATE RESEARCH FELLOWSHIP IN FLUORINE CHEMISTRY

THE AMERICAN CHEMICAL SOCIETY, DIVISION OF FLUORINE CHEMISTRY is committed to continuing its sponsorship of undergraduate research and actively encourages the submission of appropriate proposals for research to be conducted during the summer of 2019. This program is intended to encourage an interest in fluorine chemistry among prospective graduate students. The program will provide funds for a student's summer salary and will be awarded directly to faculty members conducting research in any area of fluorine chemistry at colleges or universities on the basis of competitively judged applications. The awards for 2019 are currently $5,000 for a ten-week program. In addition, a limited stipend of up to $500 will be available for the student to present his/her research results at an ACS sponsored meeting. Research expenses in connection with this program will be the responsibility of the faculty member or his/her department or institution. The number of awards to be made will be dependent upon the funds available. Applications for funding under this program may be submitted by a faculty member conducting research in fluorine chemistry. The application should be no longer than five pages and should outline the specific research to be undertaken by the student, should present reasons for anticipating progress by the student during the allotted time, and should suggest how the program might encourage the student to pursue graduate work in fluorine chemistry. All applications must state that the faculty member has adequate facilities and sufficient additional funds to cover research expenses for the proposed research program, and must be signed by the applicant. In addition, the faculty member has to be a member or affiliate of the Fluorine Division. To be considered for an award in 2019, the Division Chair must receive an application by January 31, 2019. The electronic submission should be in the form of a PDF document and sent to: Neil Vasdev (Vasdev.Neil@mgh.harvard.edu)

The electronic submission should be in the form of a PDF document and sent to:
Vicic@lehigh.edu

No more than one award will be provided to an individual applicant per year. Applications for funding under this program will be judged by a committee consisting of the Division Chair, one academic member and one industrial member of the Division of Fluorine Chemistry and one member-at-large of the Fluorine Division. The awards for 2019 will be announced in the Spring 2019 Newsletter of the Division and the award recipients will be notified prior to this by e-mail or telephone. It is anticipated that students in this program will have completed the equivalent of three years of a chemistry major's program, although outstanding students with less academic experience can also be considered. Faculty members will be urged to consider students from institutions other than their own and especially from schools that provide limited opportunities for undergraduate research. However, selection of a student for participation in this program will be at the sole discretion of the faculty member. The selection process should be completed by March 1, 2019. Brief reports (two to three pages) to the Division Chair are expected from the faculty member and student by October 1, 2019. The faculty report should include a summary of technical accomplishments, skills realized by the student, perceived interest by the student in graduate work, and the perceived success or failure of this program in encouraging interest in fluorine chemistry by the student. The student report should include a summary of technical accomplishments and an evaluation of the influence of the award program in his/her decision to consider graduate work in chemistry or fluorine chemistry.

The second call will be sent in the Fall Newsletter. ■

BOB SYVRET

The Division's total assets have decreased 6.9% over the course of the 12 month period ending March 31, 2018. This decrease is due primarily to expenditures ($14,500) at the 23rd Winter Fluorine Conference.

ASSETS *(actual as of 31 March 2018)*

	($) as of 31 March 2017	*($) as of 31 March 2018*
Wells Fargo Bank Account	$36,437	$32,517
Ameriprise Financial SPS Advantage Account	$206,898	$194,138
TOTAL ASSETS	$243,335	$226,655
Percent Change		-6.9%

2017 FINANCIAL HIGHLIGHTS:

> In 2017 the Division provided 2 Moissan Summer Undergraduate Research Fellowships in the amount of **$5,000 each** to Professors John Welch at the University of Albany and Markus Etzkorn at the UNC Charlotte.

> The Division provided **$11,750** in speaker support and **$2,750** for student poster awards for the 23rd WFC in January 2017.

> The Division provided **$2,500** in financial support for the SERMACS meeting held in Charlotte, NC.

> The Division provided **$1,663.03** to support travel of Moissan SURF students to the ACS meeting in San Francisco and the 23rd WFC.

> The Division provided **$6,326.96** in financial support to the Award Symposium for Antonio Togni at the Spring ACS National Meeting in San Francisco, April 2017.

OUTLOOK FOR 2018:

> The Division will provide **2 Moissan SURF @ $5,000 each** in 2018.

> The Division will sponsor the 2018 ACS Award for Creative Work in Fluorine Chemistry at a cost of **$9,000**.

> The Division provided $3,500 for the ACS Award for Creative Work in Fluorine Chemistry symposium in honor of Professor Kemnitz that was held at the 2018 ACS Spring National Meeting in New Orleans.

> The Division provided **$6,000** in support of the F-18 Radiochemistry Symposium at the 2018 ACS Spring National Meeting in New Orleans.

> The Division will provide **$2,000** in sponsorship to Fluoropolymers 2018 to be held in June, 2018.

FOLLOW US ON TWITTER!

AN EASY WAY TO DISCOVER THE LATEST NEWS RELATED TO THE ACS DIVISION OF FLUORINE CHEMISTRY IS TO FOLLOW OUR TWITTER ACCOUNT LOCATED HERE:

HTTPS://TWITTER.COM/FLUORINECHEM.

ACS NEWS

THE BIANNUAL NEWSLETTER FOR THE AMERICAN CHEMICAL SOCIETY DIV. OF FLUORINE CHEMISTRY

2018 EXECUTIVE COMMITTEE • ACS DIVISION OF FLUORINE CHEMISTRY

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PETR BEIER – CZECH REPUBLIC
MARKUS ETZKORN – USA
CHAD FRIESEN – CANADA
GB HAMMOND – USA
THOMAS MATHEW – USA
KAZUHIKO MATSUMOTO – JAPAN
JEAN-FRANCOIS PAQUIN – CANADA
VIACHESLAV PETROV – USA
GARY SCHROBILGEN – CANADA

WEBMASTER
PHILLIP HENDERSON – USA

VISIT US AT:
http://fluorine.sites.acs.org